

MIAMI BRIDGE WEEKLY NEWSLETTER

319 Days are
Remaining on the
Bridge Closure

BENT MODIFICATIONS

QUICK NOTES:

- MoDOT approved Subcontract requests for Shapiro Brothers, KW Luetkemeyer and Martinez Concrete.
- MoDOT approved OCCl's Thermal Control Plan for Mass Concrete placement on the piers.
- US Coast Guard confirmed the temporary lighting configuration installed by Mark One Electric is acceptable.

Beginning November 13, OCCl began modifying the first of 16 Bents/Piers on the Miami bridge. The modifications begin with drilling through the pier at a predetermined cut line. Then, as pictured below, the concrete is removed from around the reinforcing steel using a machine called a Brokk 260. This machine is mounted on tracks and has a hydraulic hammer on the end of a folding arm to hammer away at the concrete. A rock splitter will then be inserted into the drilled holes to separate the concrete from the concrete which will remain in place. A crane will lift the remaining concrete from the bent/pier.

At the end of this week, OCCl also started construction of the false work tower in the river at span 7. In October, OCCl constructed an additional false work tower on land also at span 7.



Modifications at Bent No. 7

MoDOT—Marshall Project Office

632 N. Miami Ave.
P.O. Box 172
Marshall, MO 65340

Phone: 660.886.2115
Fax: 660.886.7421
Email: james.gillespie@modot.mo.gov

"Our mission is to provide a world-class transportation experience that delights our customers and promotes a prosperous Missouri."